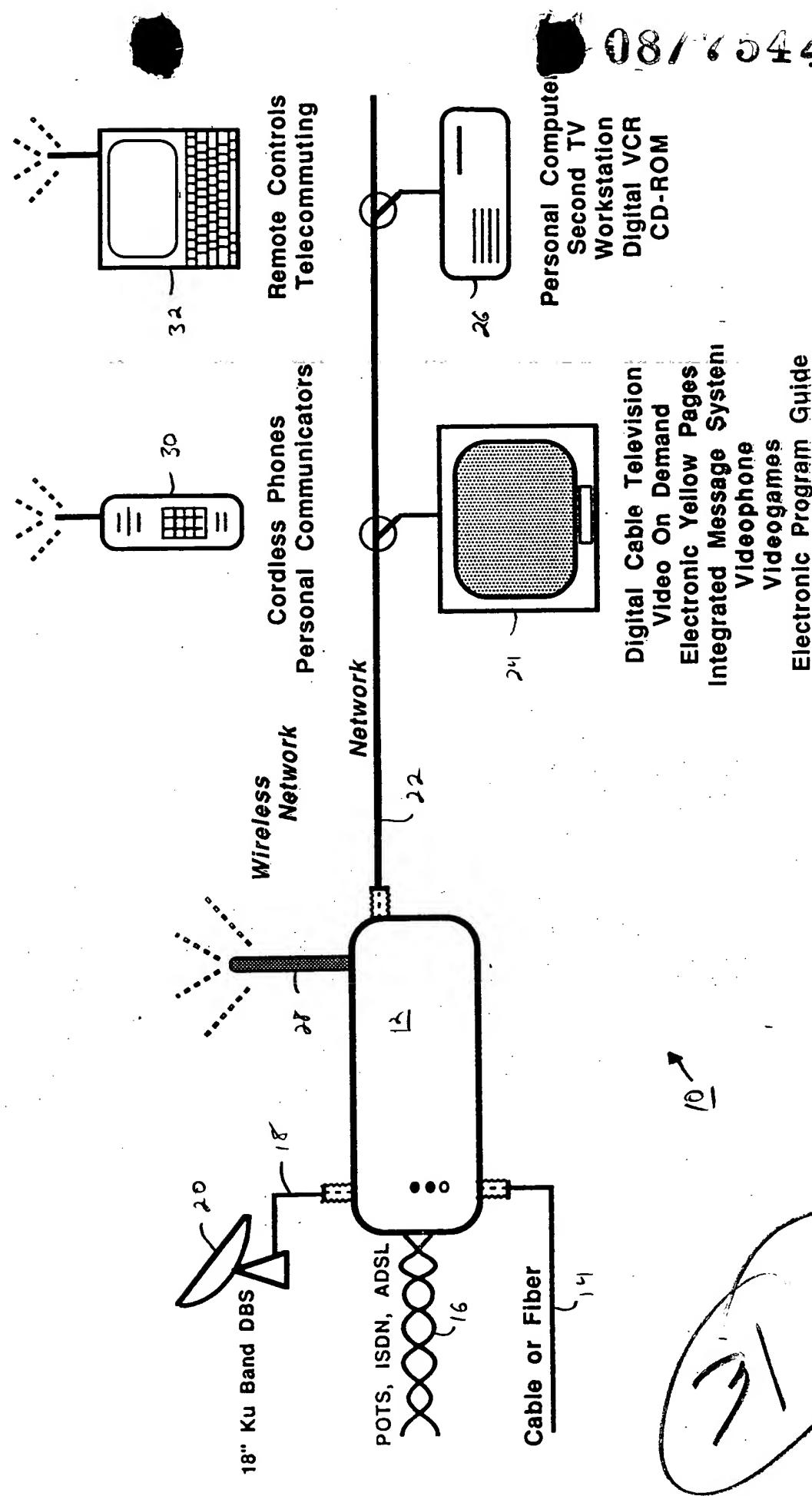


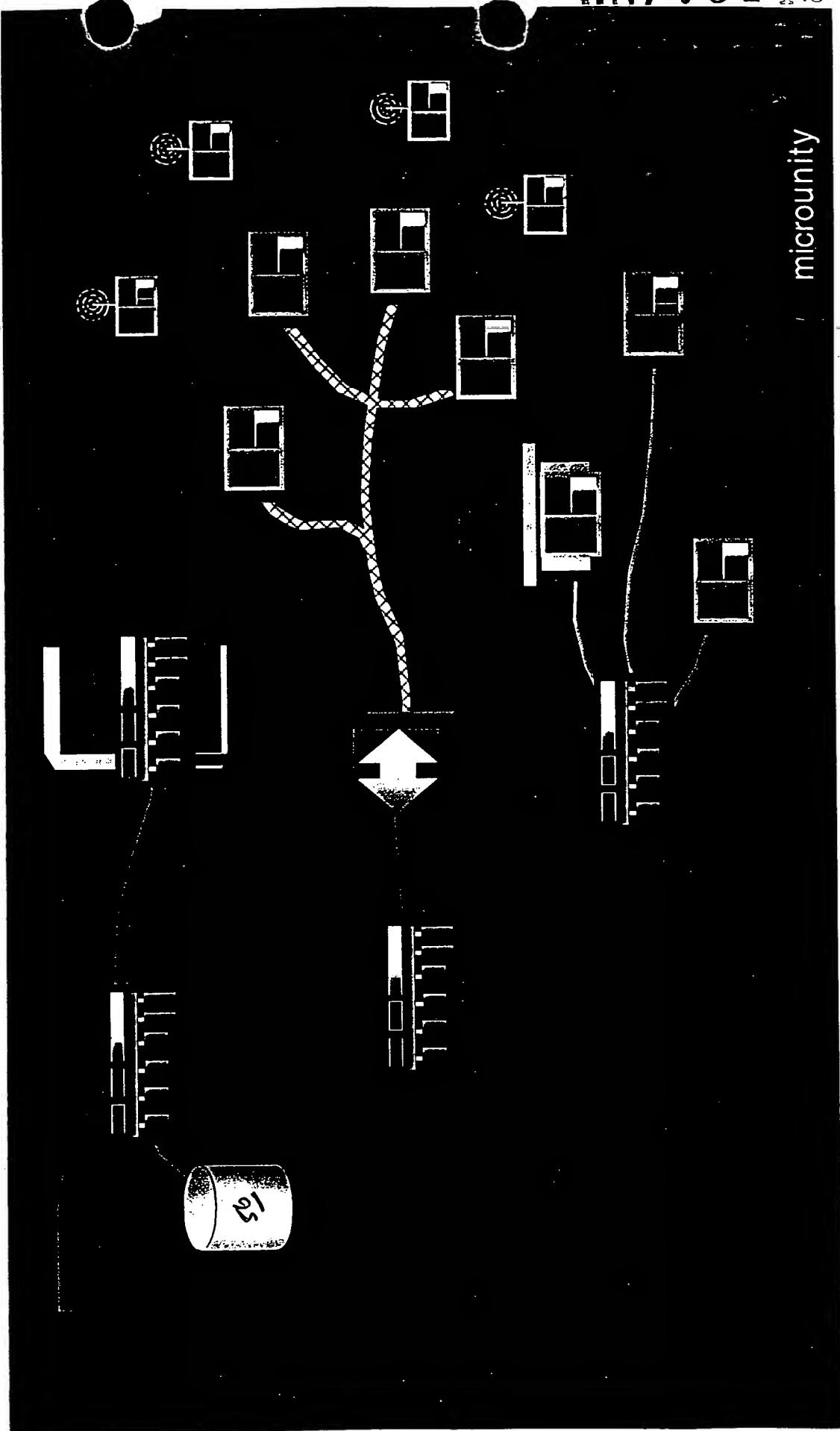
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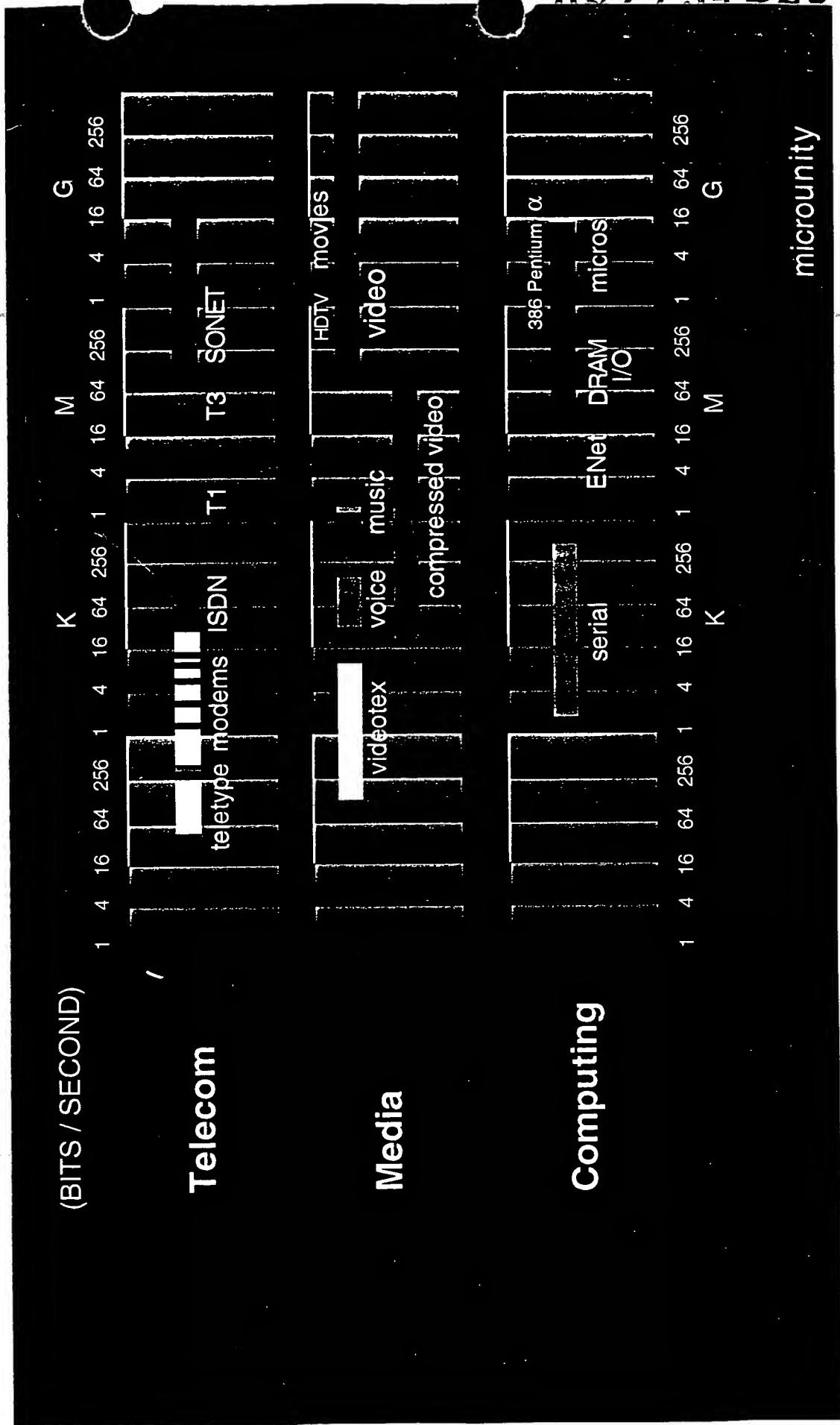
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Figure 2



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Figure 3



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Figure 4

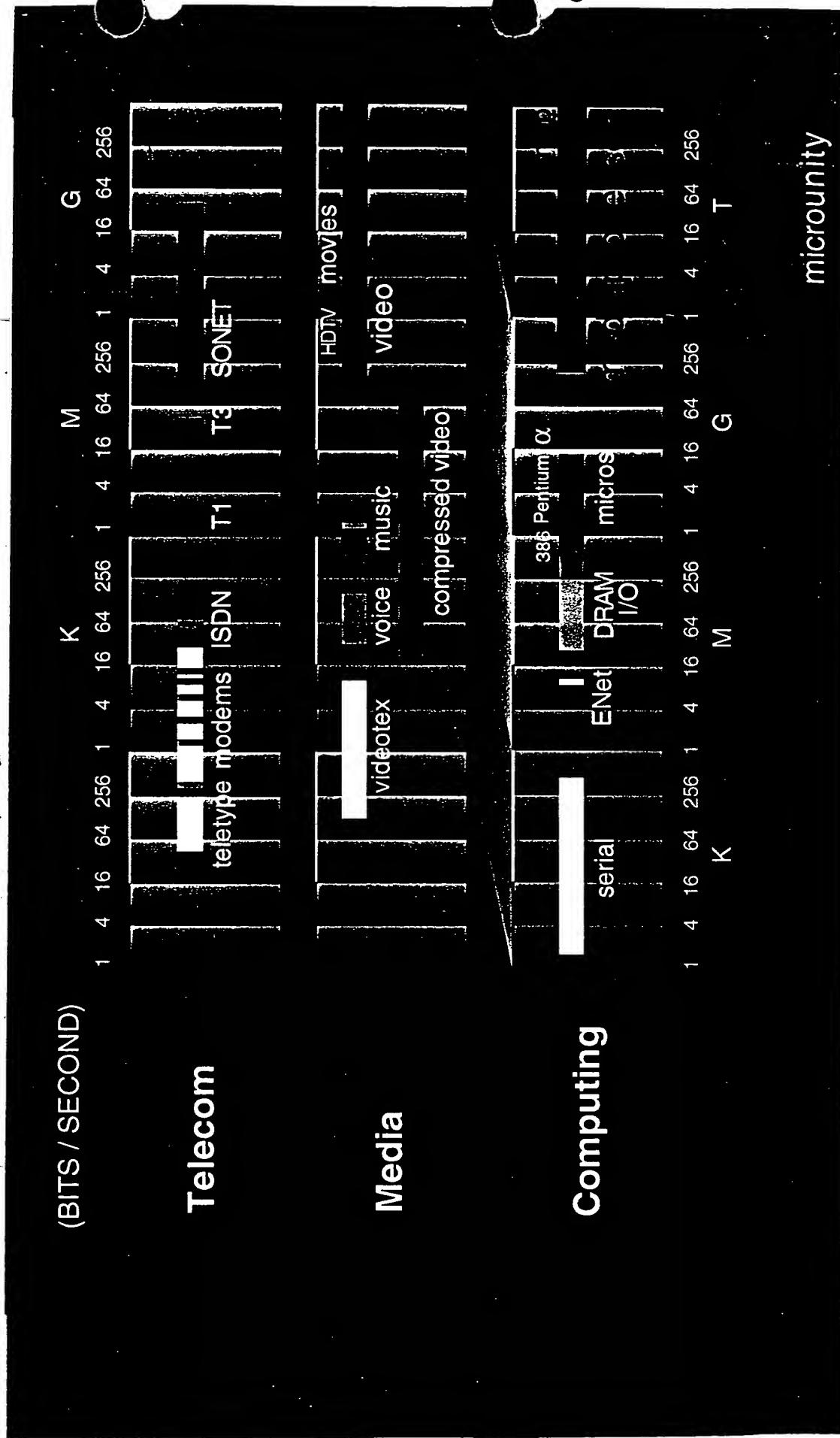


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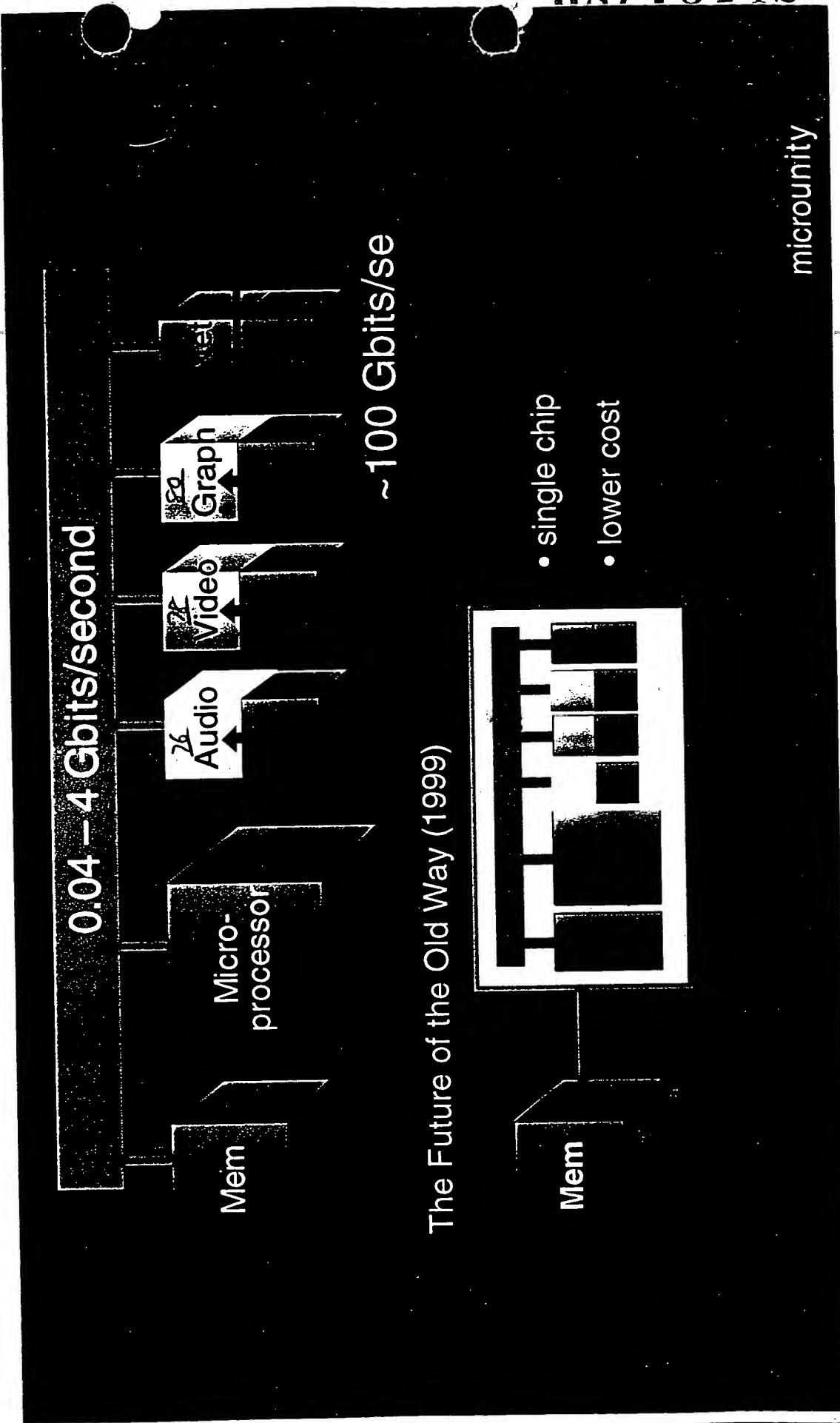
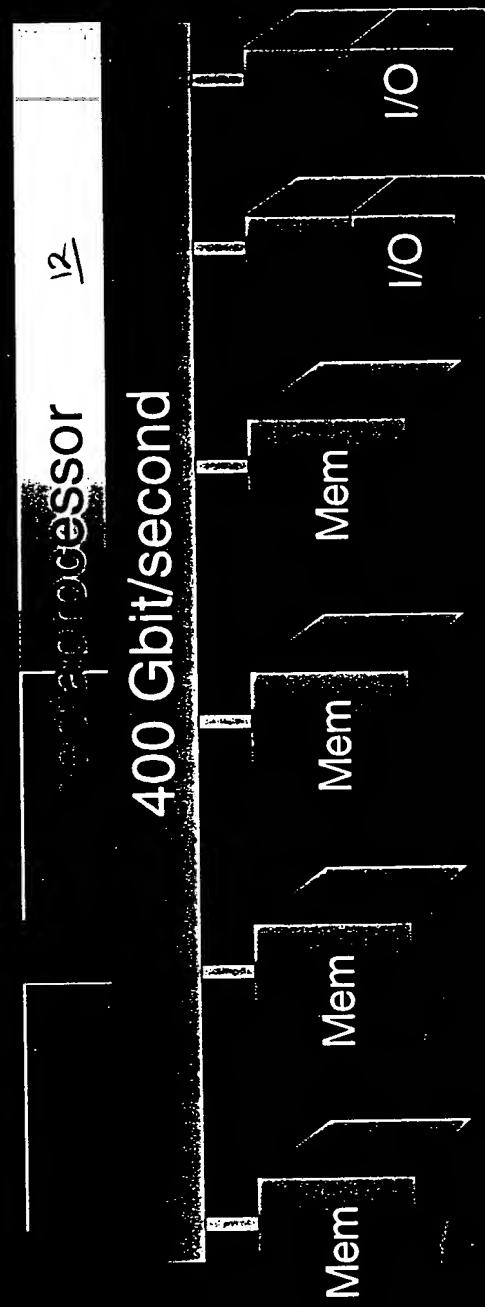
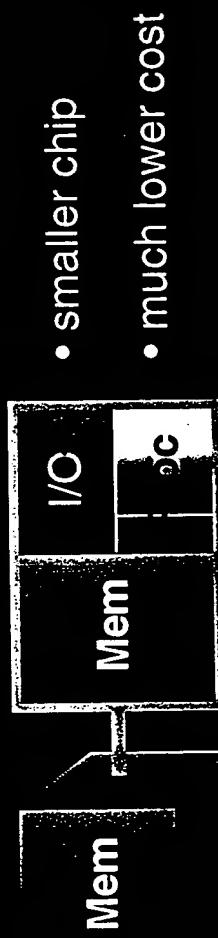


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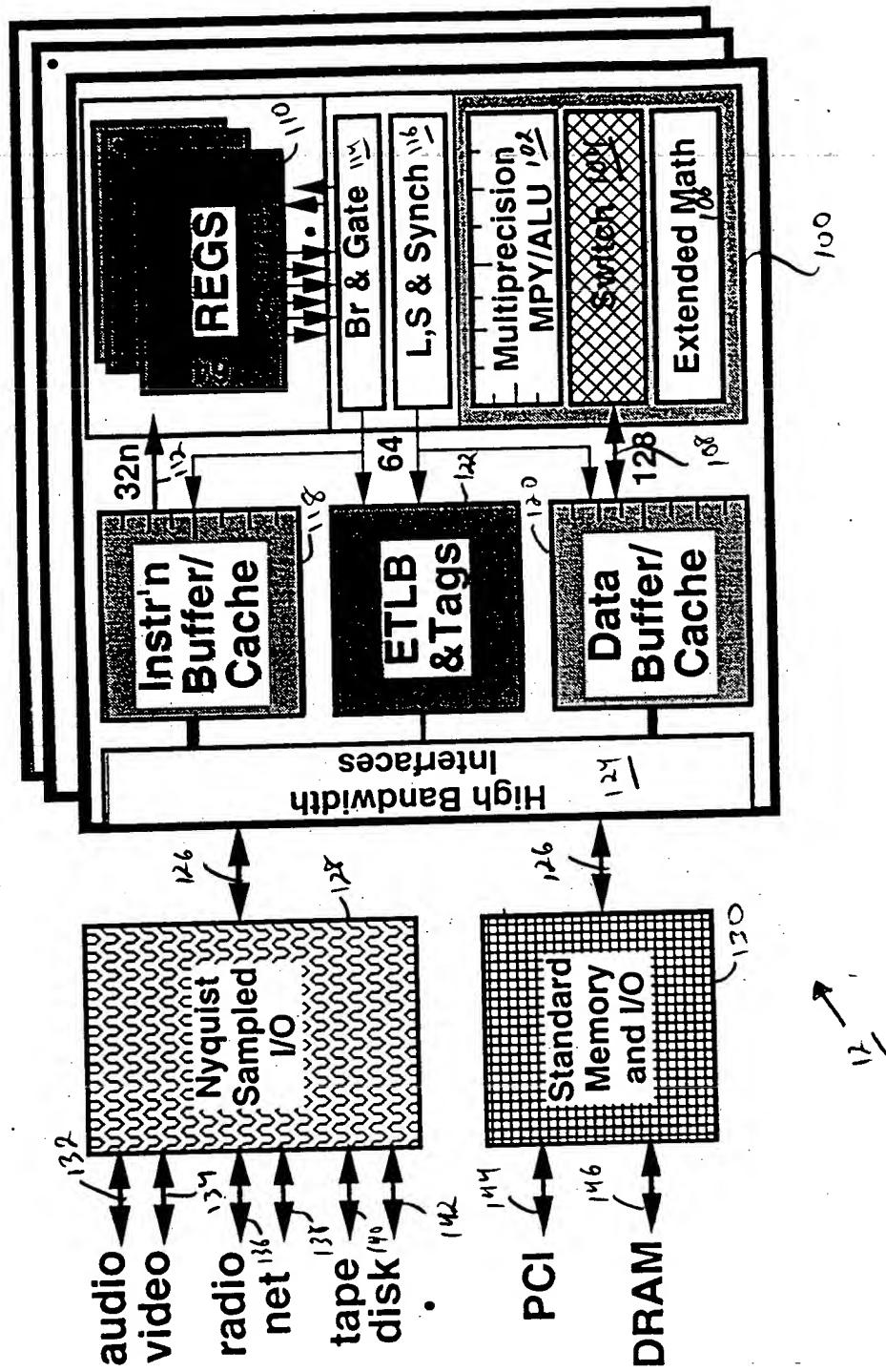
The Future of the Unified Way (1995)



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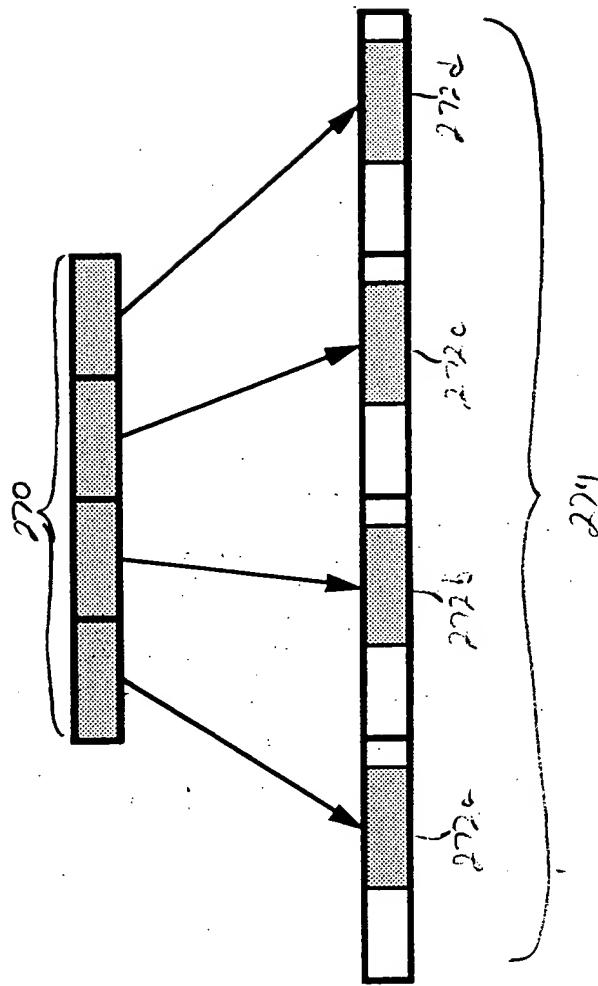
Figure 7



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Figure 8(a)

Group Expand



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Group Compress, Extract

Figure 8(b)

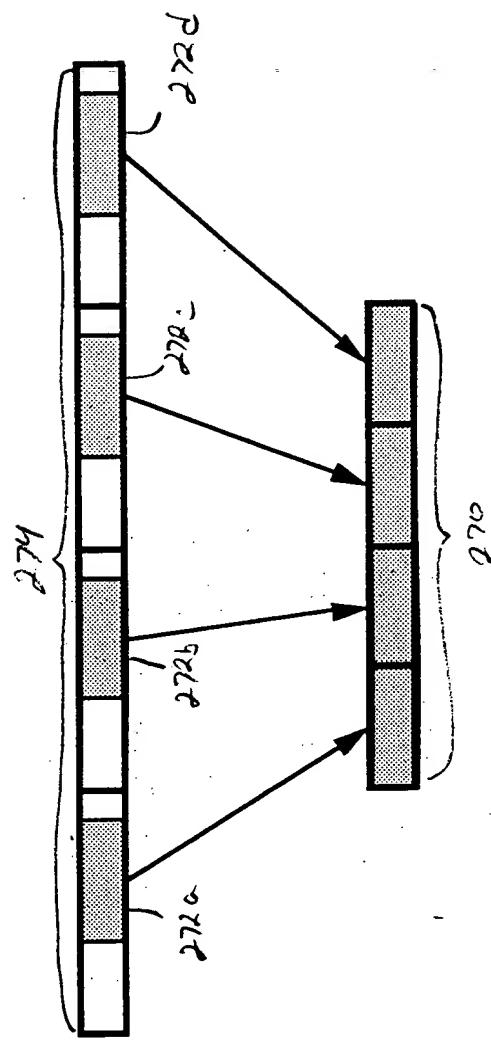
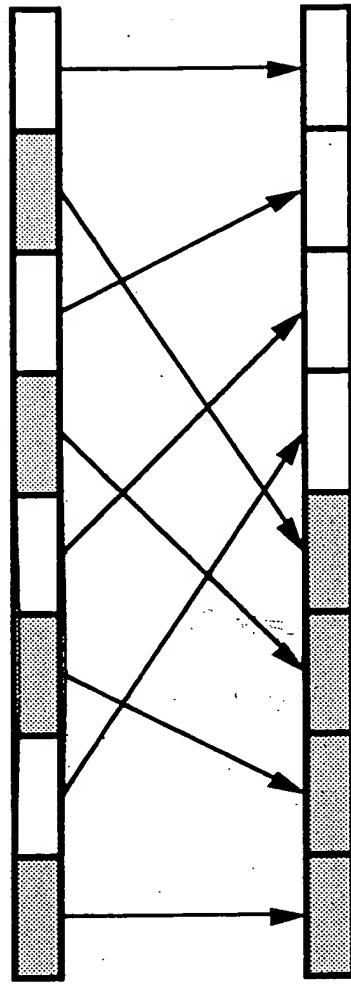


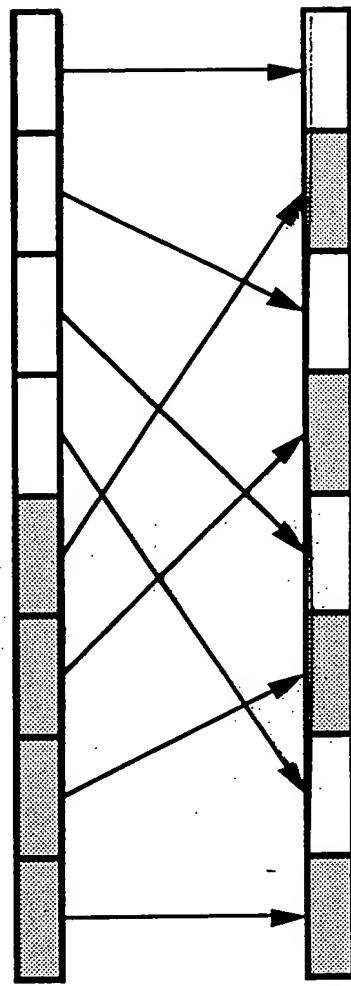
Figure 8(c)

Group Deal, Shuffle

- Group Deal: 128 bits to 128 bits



- Group Shuffle: 128 bits to 128 bits



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Figure 8(d)

Group Swizzle (Copy-Swap)

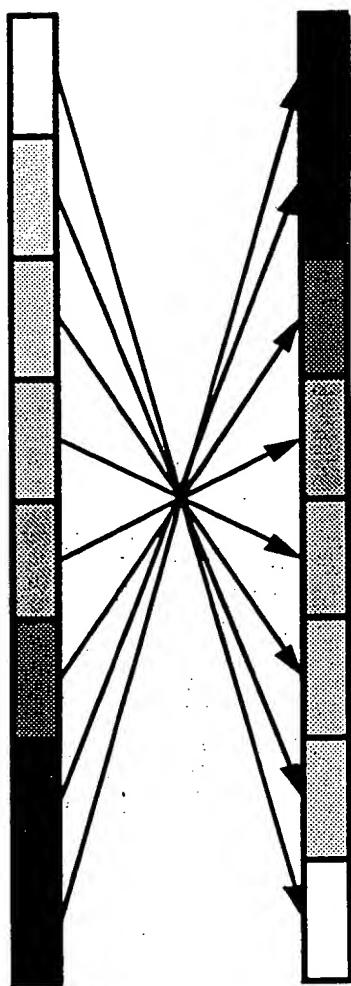
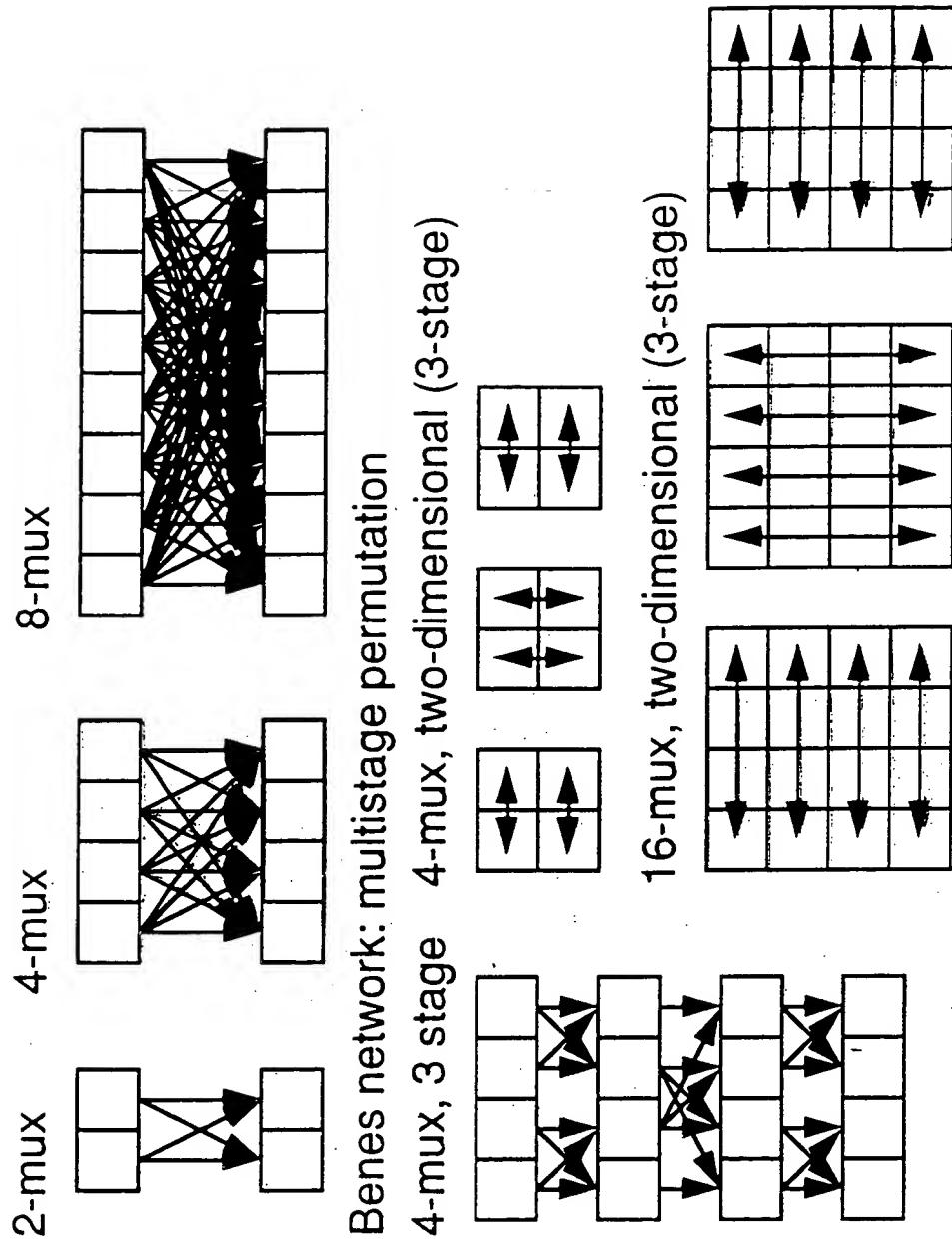


Figure 8(e)

Group Permute



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Figure 9(a)

Instruction Formats

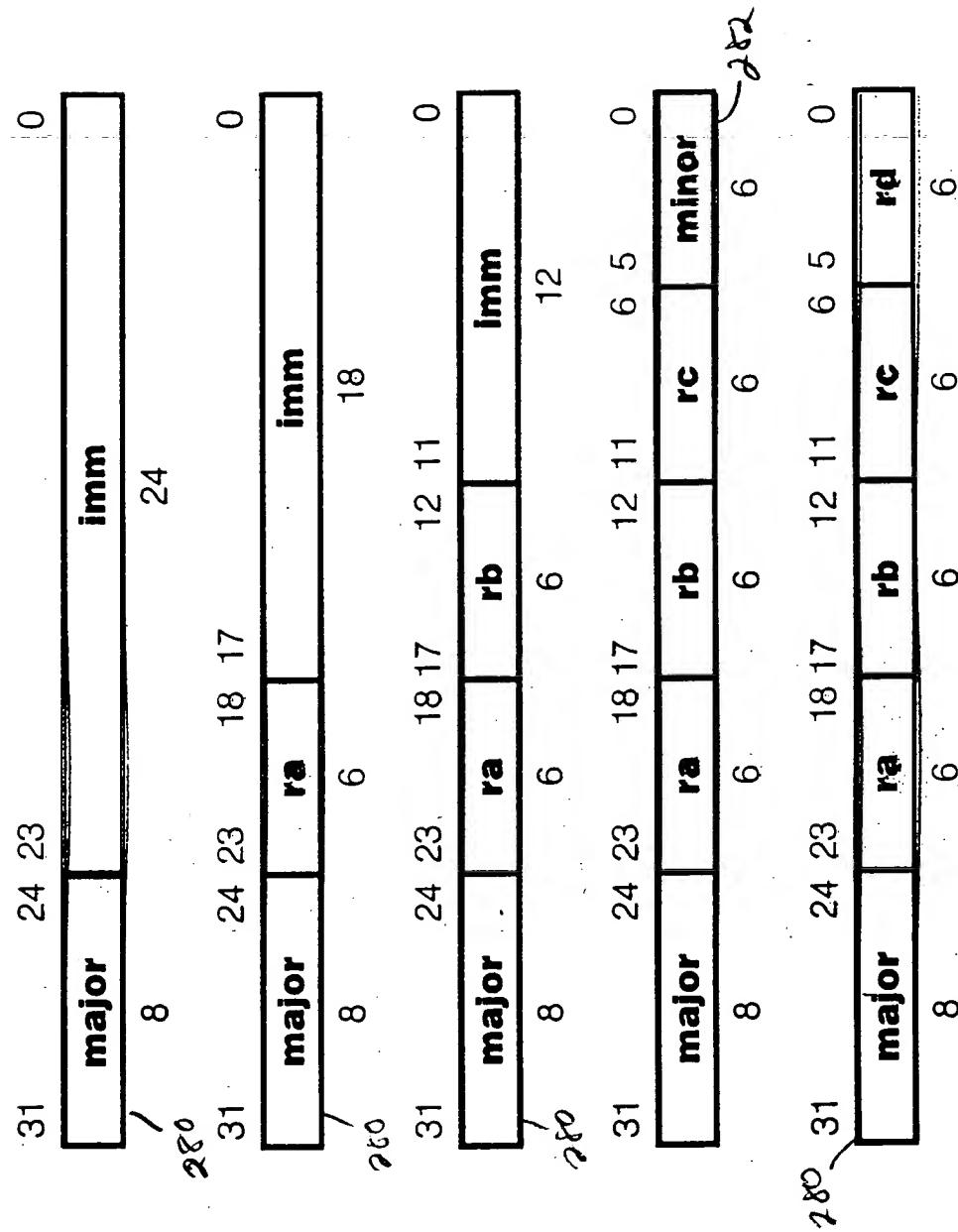


Figure 9(b)

Floating-point Data Sizes

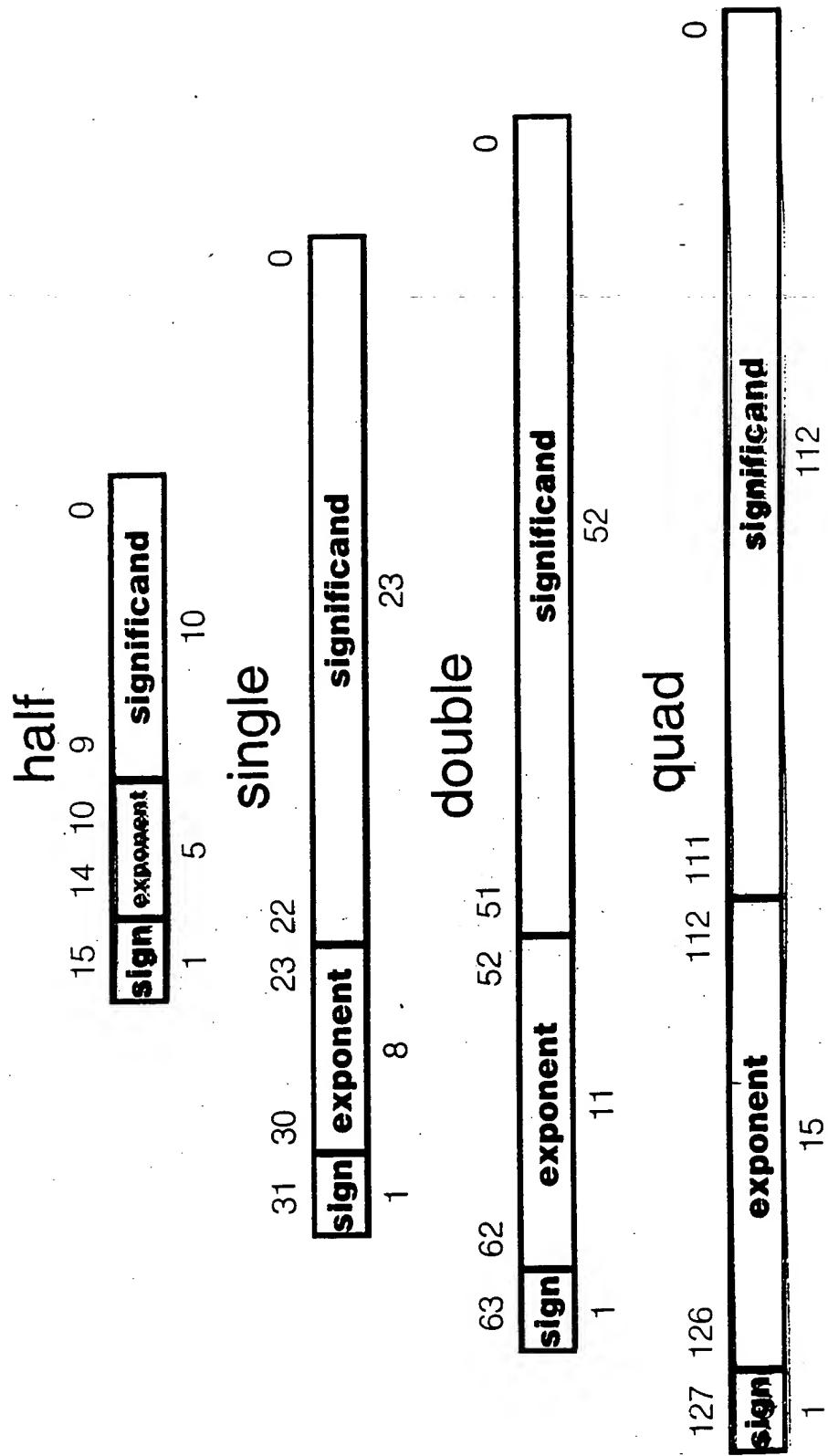
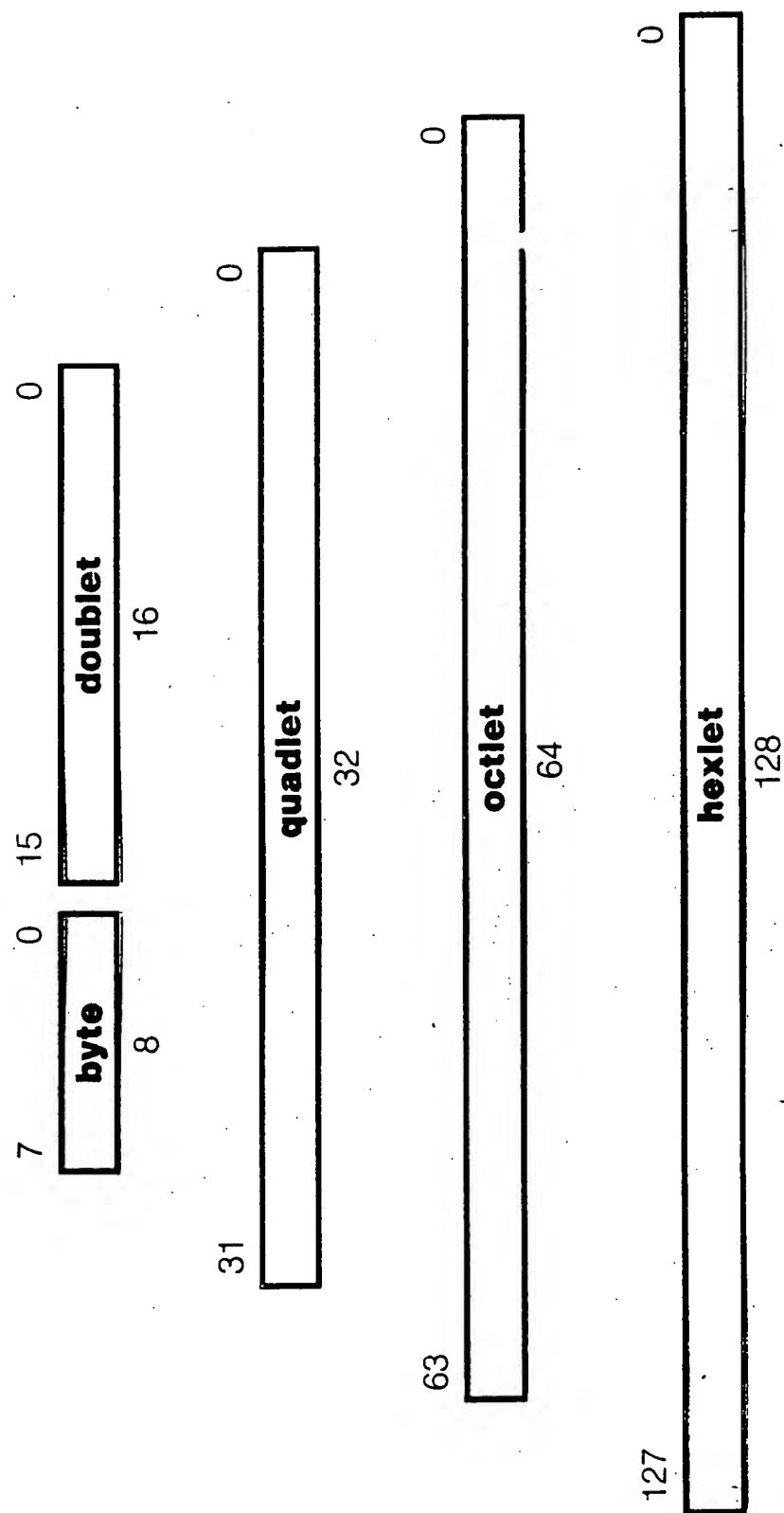


Figure 9(2)

Fixed-Point Data Sizes



Translation Block Diagram

Figure 10(a)

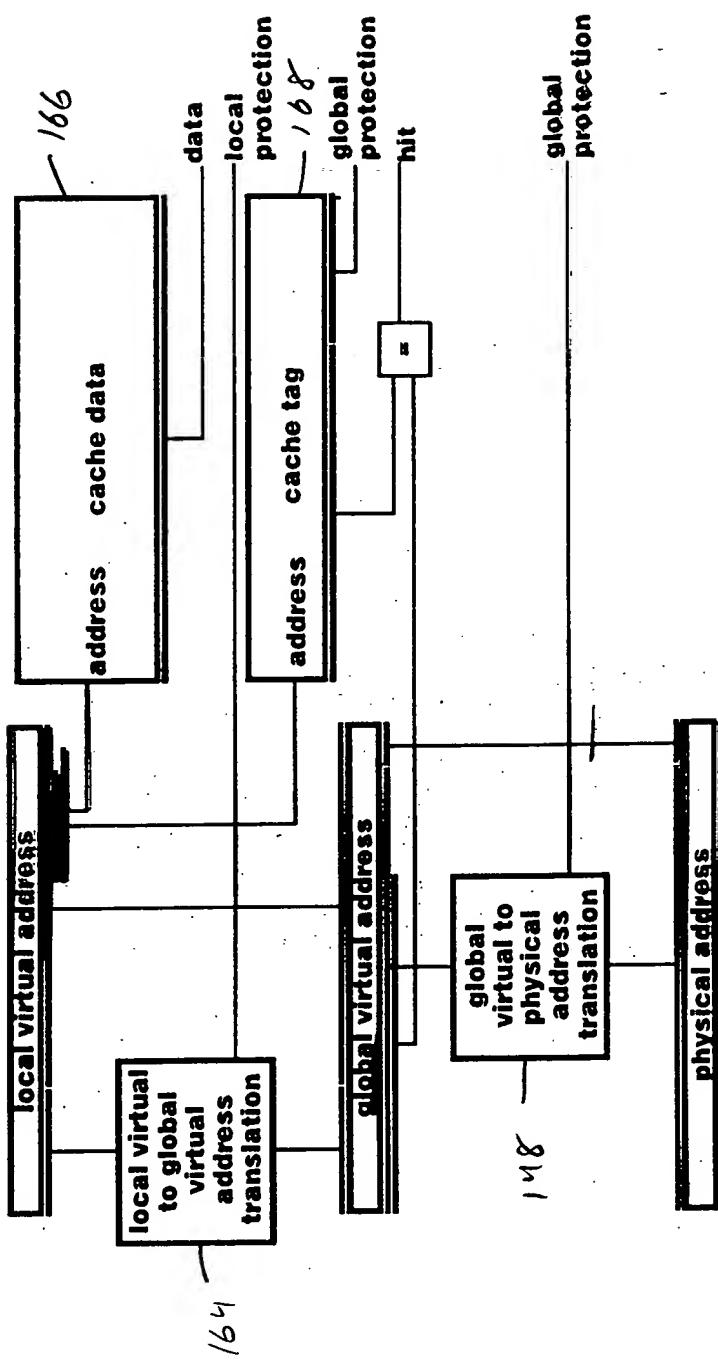


Figure 10(b)

Translation Lookaside Buffer

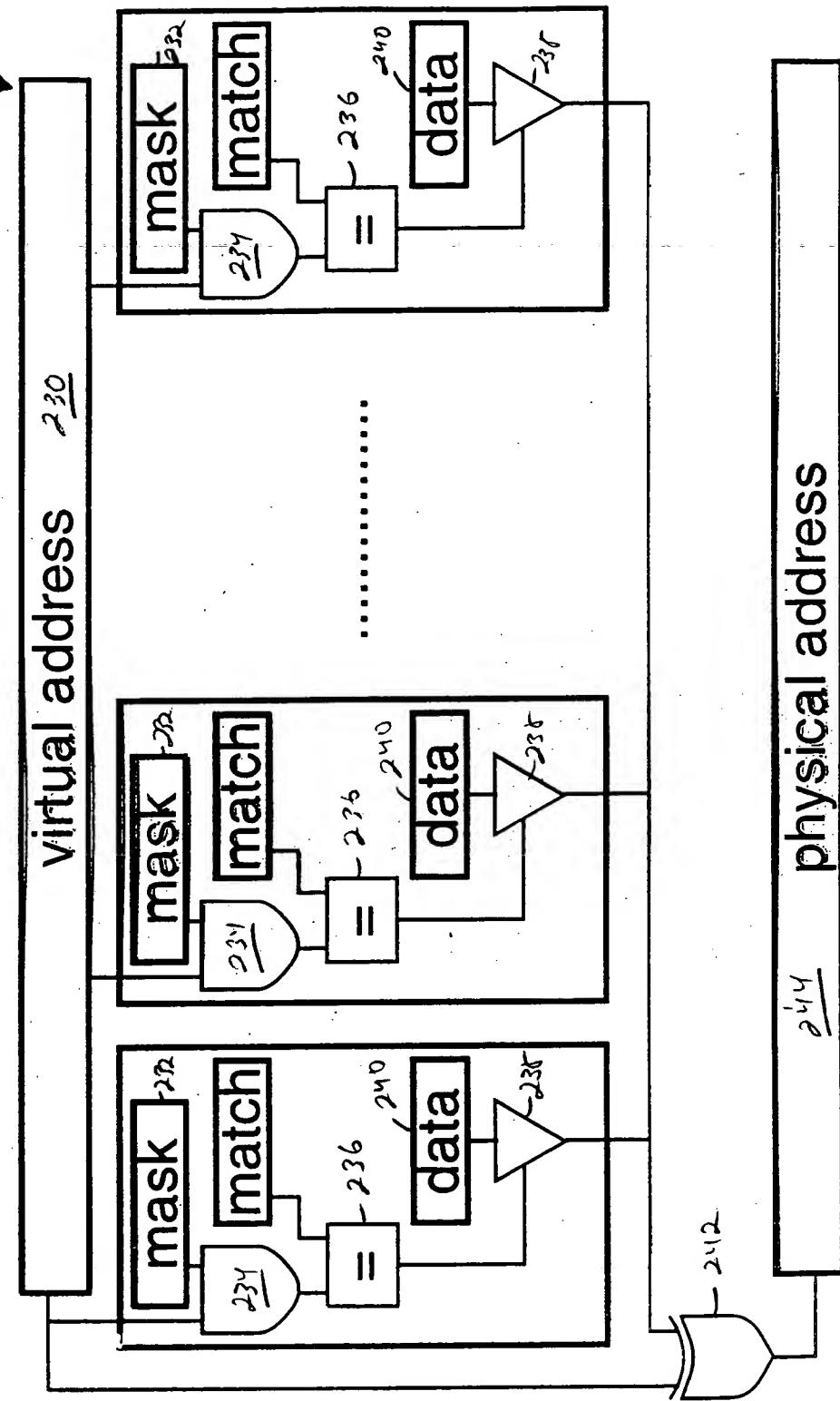


Figure 11

Superstring Pipeline

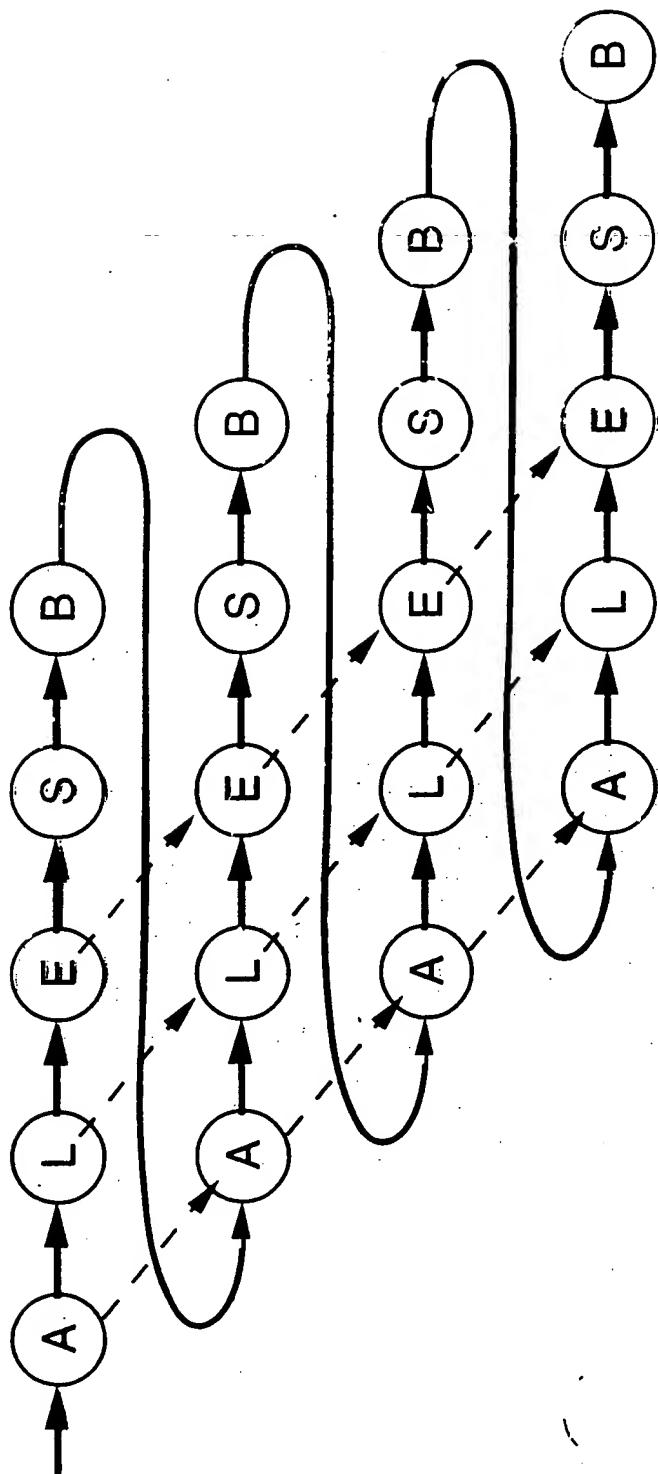


Figure 12

Superspring Pipeline

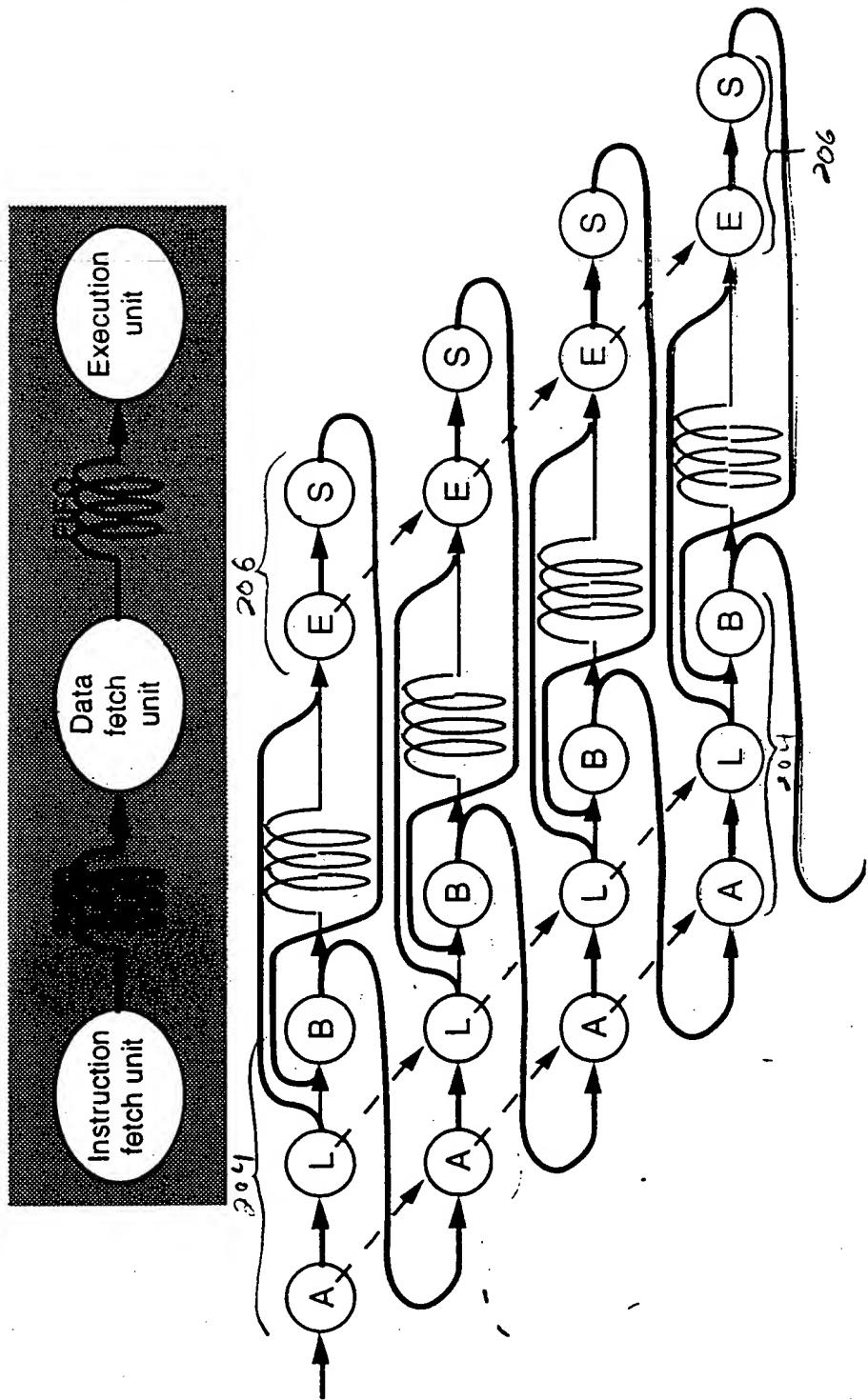


Figure 13

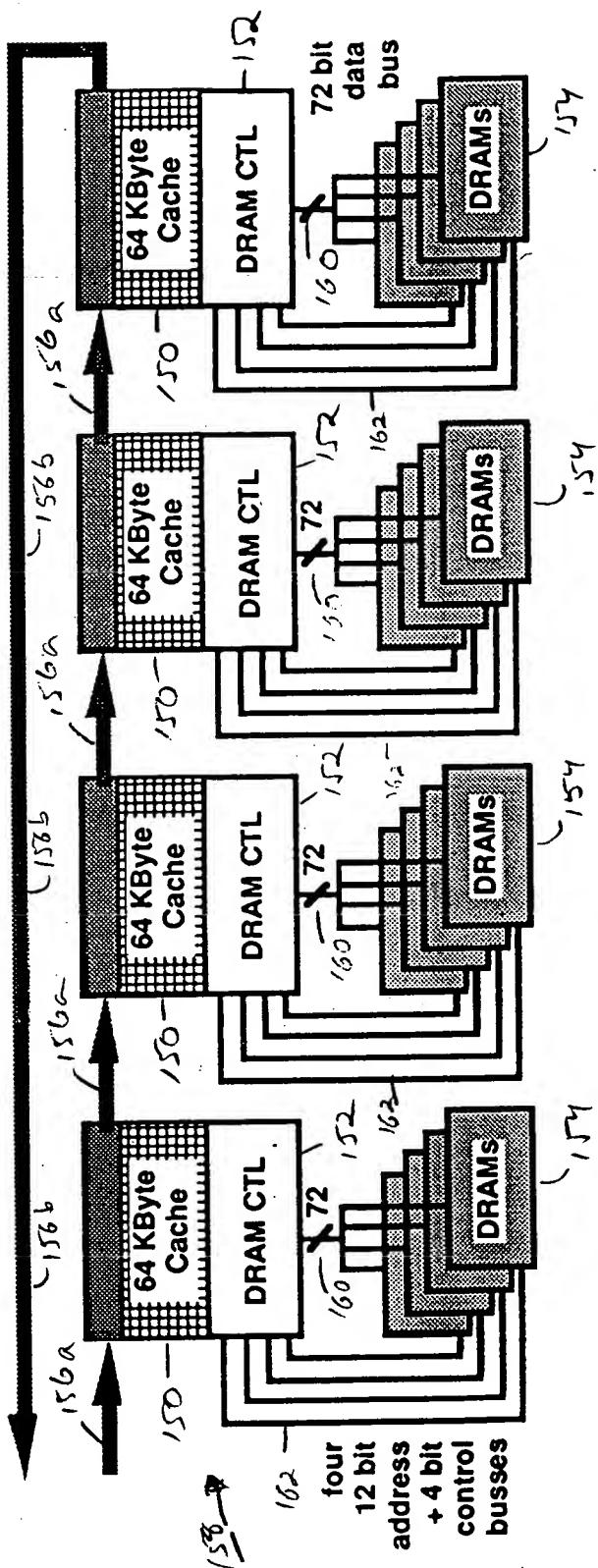
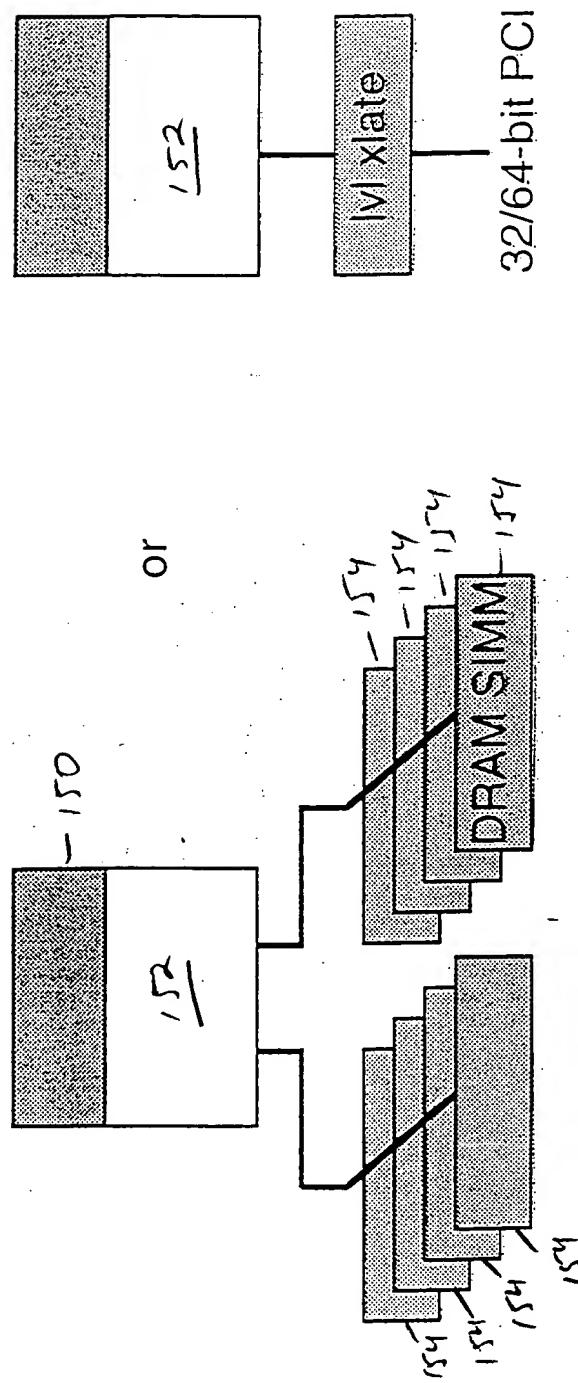


Figure 14



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Figure 15

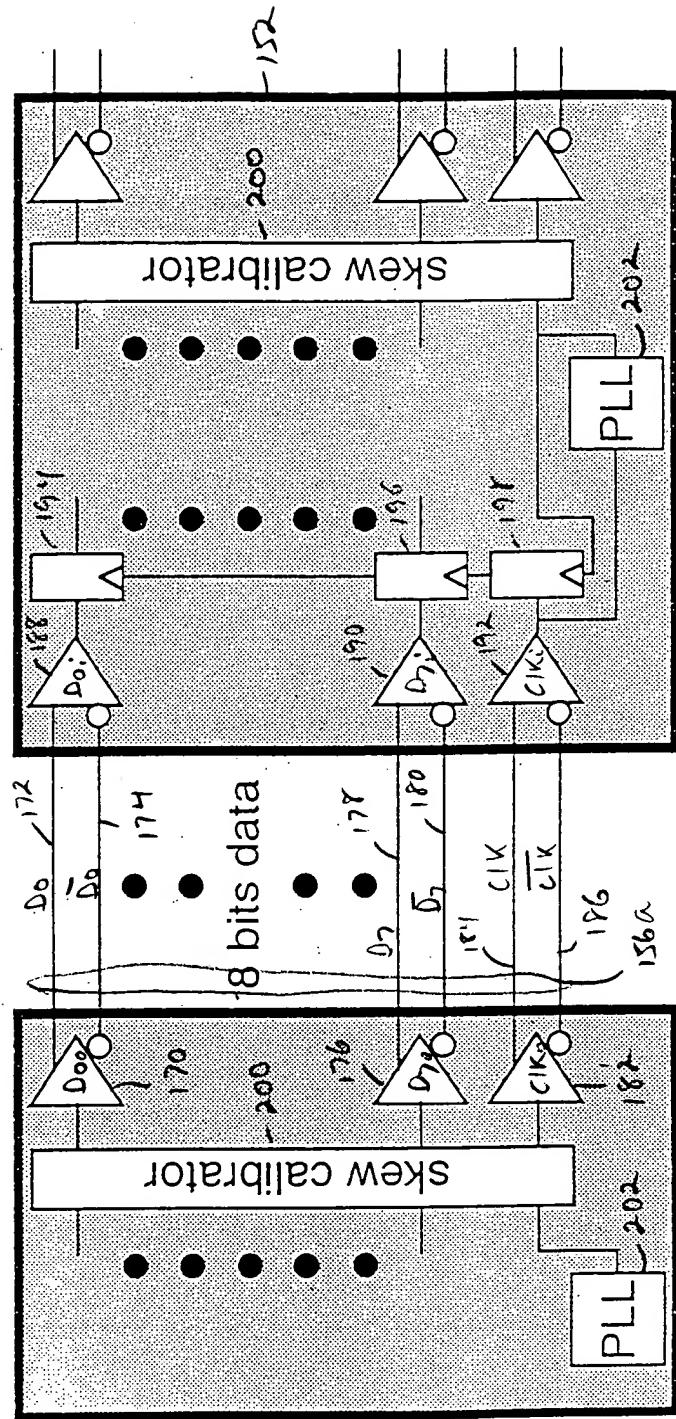
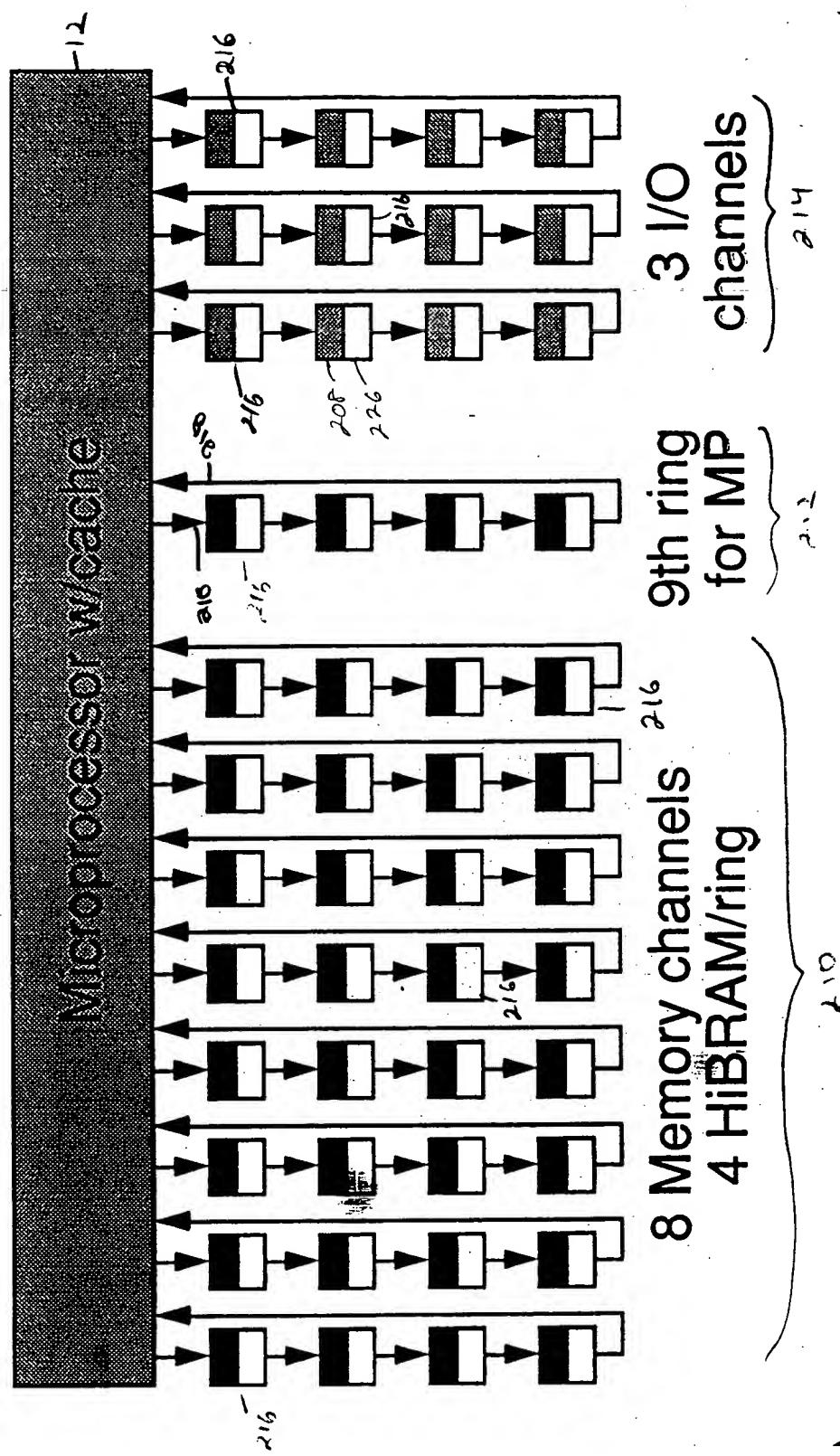
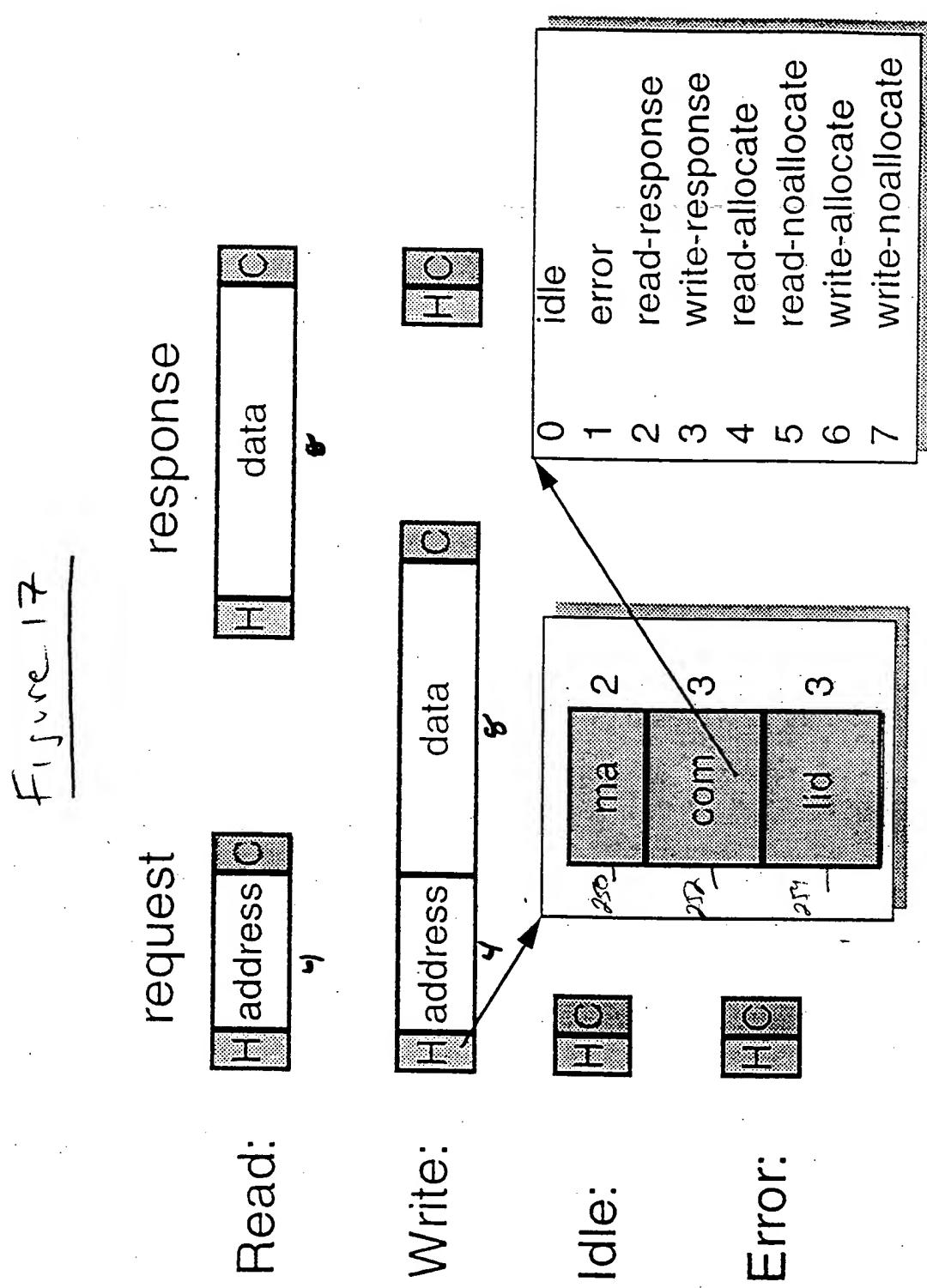


Figure 16(a)



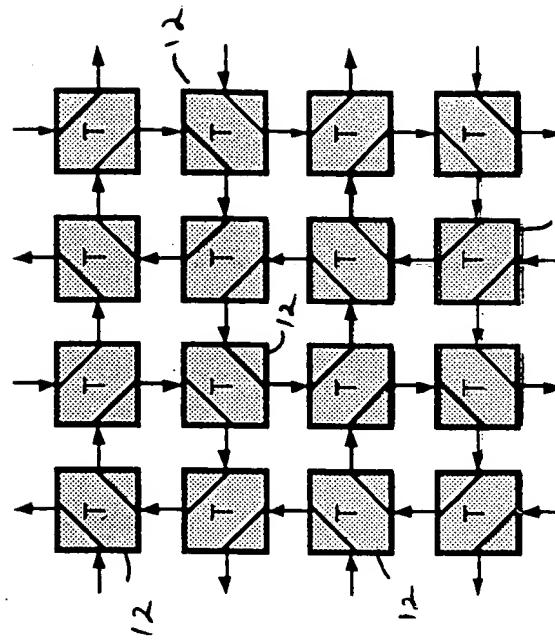
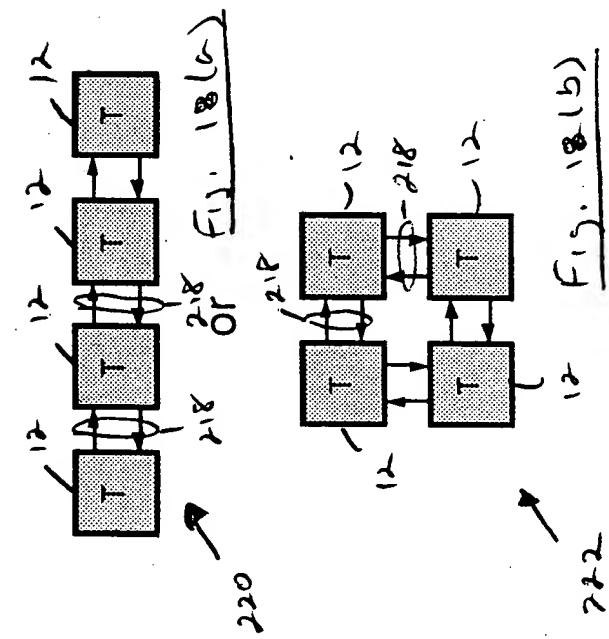
Figure 16(6)





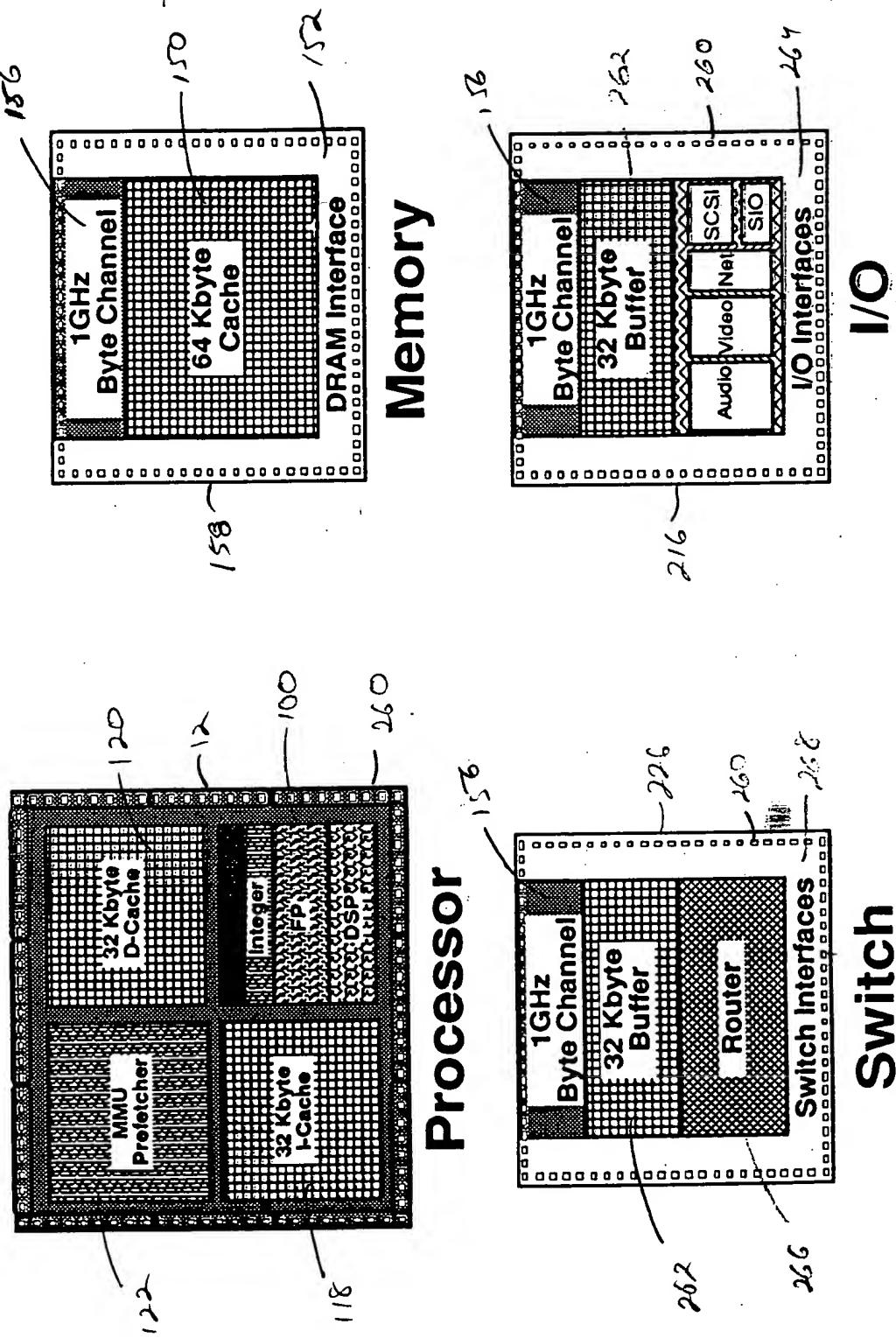
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Figure 18



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Figure 19



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